

552,844

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
21 October 2004 (21.10.2004)

PCT

(10) International Publication Number
WO 2004/089771 A1

(51) International Patent Classification⁷: **B65D 23/00**,
25/08, 81/32

(21) International Application Number:
PCT/AU2004/000488

(22) International Filing Date: 14 April 2004 (14.04.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
2003203687 14 April 2003 (14.04.2003) AU

(71) Applicants and

(72) Inventors: **GLEN RODERICK, JACOBS** [AU/AU]; 17
MacAlister Place, SMITHFIELD, Queensland 4878 (AU).
MATTHEW JAMES, O'CONNOR [AU/AU]; Unit 7/2-4
Deauville Close, YORKEYS KNOB, Queensland 4878
(AU).

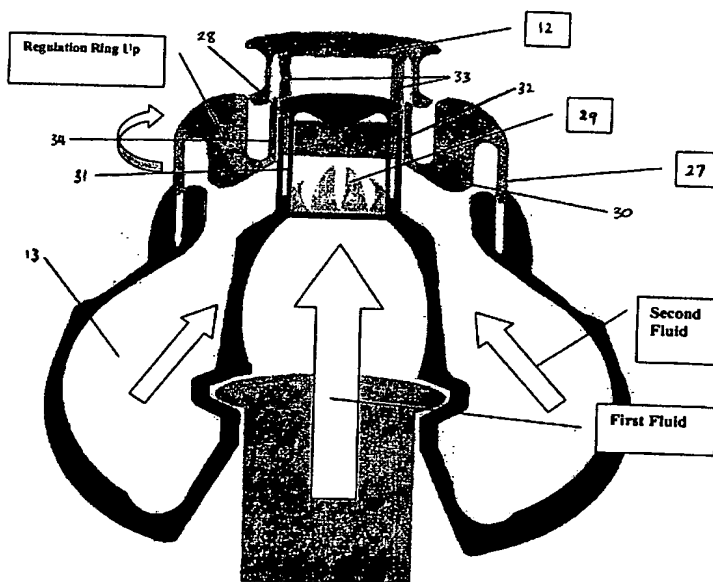
(74) Agent: **CULLEN & CO.**; Level 26, 239 George Street,
Brisbane, Queensland 4000 (AU).

(81) Designated States (*unless otherwise indicated, for every
kind of national protection available*): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
ZW.

(84) Designated States (*unless otherwise indicated, for every
kind of regional protection available*): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),

[Continued on next page]

(54) Title: CONTAINER CLOSURE WITH RESERVOIR FOR HOLDING A SECOND MATERIAL



(57) Abstract: Container closure (10) engageable with a container having an interior for containing a fluid, water or drink, the container closure adapted to allow mixing of the fluid and a second material. The closure (10) has a movable mouthpiece (12), a fluid opening which is associated with sealing means (28, 29) adapted to substantially seal the fluid opening in a first position and allow fluid to flow in a second position. The closure also has a regulation ring (27) with bulbous portion (30) that can open and close an opening to a reservoir (13) containing the second material. The first fluid and second material are mixed in a passage prior to exiting the container closure.

WO 2004/089771 A1



Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

Published:

— *with international search report*